



# UNCLASSIFIED USTRANSCOM



## ***Distribution Data Analysis SDDB Example 2-3 Aug***

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# Agenda



- ***Background - SDDB history***
- ***Distribution process***
- ***SDDB: DORRA Maintained Systems***
- ***SDDB: J5/4 Maintained Systems***
- ***How TCJ5/4 measures distribution data for TDD***
- ***SDDB data examples***
- ***Discussion/Way Ahead***



# SDDDB History

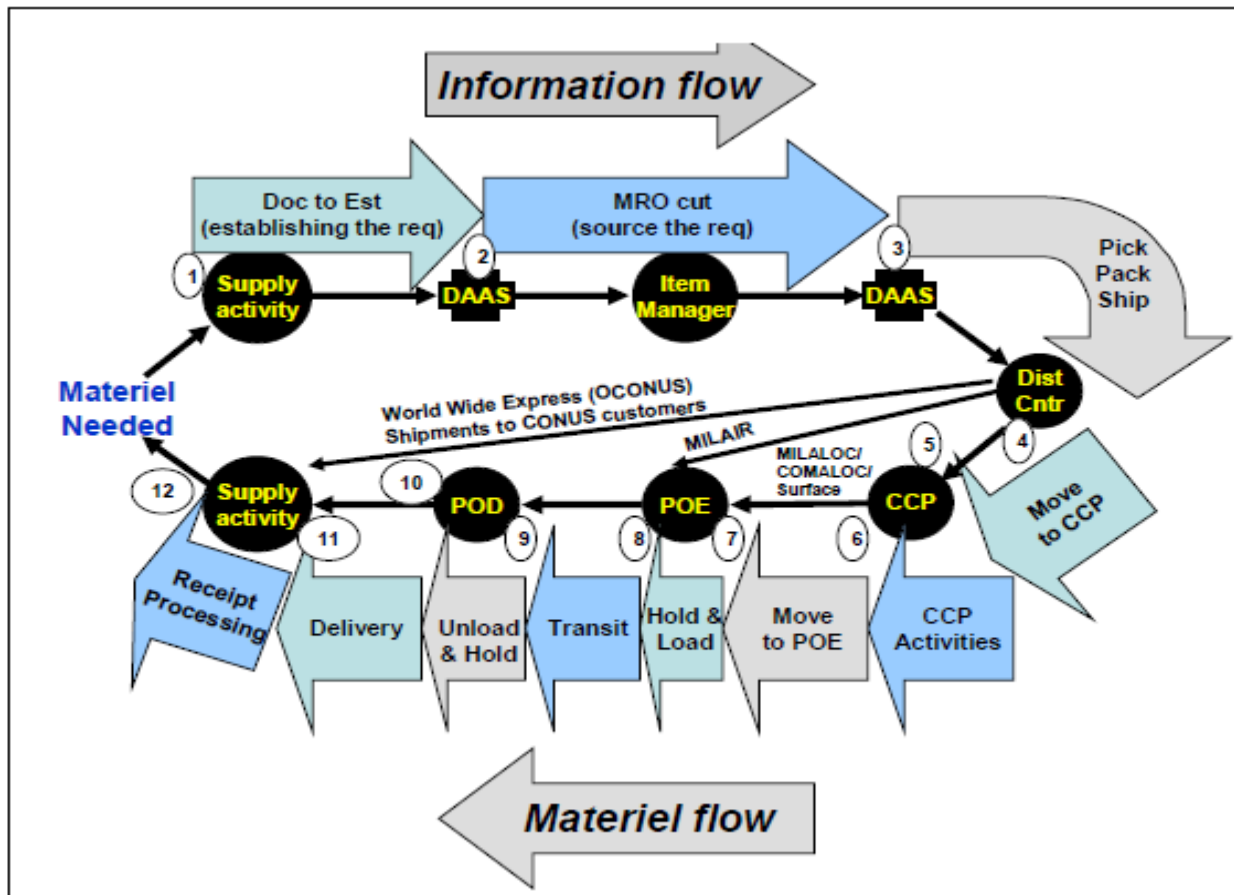


- ***Early 2000, Leaders of USTRANSCOM & DLA developed the Strategic Distribution Management Initiative***
- ***RAND Corporation integrated DoD and non-DoD data sources to diagnose enterprise problems in support of this effort***
- ***RAND's enterprise data repository became the Strategic Distribution Database (SDDDB)***
- ***Transitioned database maintenance to DORRA and performance reporting/analysis to USTRANSCOM in 2006***
- ***Today the SDDDB is a fundamental basis for distribution performance management for the DPO mission***



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# Distribution Process



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# Distribution Data Analysis



- ***Document number level***
- ***Slice/dice...tailored analysis/reporting***
- ***Attributes include...***
  - ***Source of Fill***
  - ***Mode/Nodal network***
  - ***Customer location***
  - ***Commodity***
  - ***Transaction time stamps***
    - ***E.g. pick, pack, ship,***
    - ***Port receipt/lift***
    - ***TCSP receipt/ship***
    - ***Delivered to customer (e.g. TK6) /Receipt processing***

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## Example



DOCUMENT NBR	Customer_Base	Customer_DoDAAC	Customer_Service	Customer_Unit Nm	mode_cd_calc	DEPOT_ShortNm	POE_Cargo_Nm	POD_FINAL_Cargo Nm	DAYS DOC D6S
W9117P11030058	Afg	W9117P	ARMY	SSA FOB WILSON	MILALOC	GSA NJ	DOVER AFB	KANDAHAR	57
W5J9T011320090	Afg	W5J9T0	ARMY	KANDAHAR SSA	MILALOC	DVD	DOVER AFB	KANDAHAR	25
W90Z2Z11450137	Afg	W90Z2Z	ARMY	TARIN KOWT SSA	MILALOC	DDSP	DOVER AFB	TEREEN	23
W90Y0S11510084	Afg	W90Y0S	ARMY	KABUL SSA 1	MILALOC	DVD	DOVER AFB	KABUL INTL	19
W81T8T11370248	Afg	W81T8T	ARMY	ARCENT SALERNO	MILALOC	GSA CA	DOVER AFB	SALERNO LANDING ZONE	38
W91EB811450209	Afg	W91EB8	ARMY	ARCENT BAGRAM 1	MILALOC	DDSP	DOVER AFB	BAGRAM	11
W90Z2Z11440113	Afg	W90Z2Z	ARMY	TARIN KOWT SSA	MILALOC	DVD	DOVER AFB	TEREEN	36
W90VPT11610431	Afg	W90VPT	ARMY	FOB SHANK LSA	MILALOC	DDSP	DOVER AFB		14
V501231143A499	Afg	V50123	NAVY	NMCB SEABEES	MILAIR	DVD	DOVER AFB	CAMP BASTION LZ	25
W90Y0S11090250	Afg	W90Y0S	ARMY	KABUL SSA 1	MILALOC	DVD	DOVER AFB	KABUL INTL	69
W81T8T11560198	Afg	W81T8T	ARMY	ARCENT SALERNO	MILALOC	DVD	DOVER AFB	SALERNO LANDING ZONE	21
W91EB811450038	Afg	W91EB8	ARMY	ARCENT BAGRAM 1	MILALOC	DDSP	DOVER AFB	BAGRAM	10
C00V4A11390038	Afg	W90Z0G	ARMY	BASTION SSA 1	MILALOC	DDSP	DOVER AFB	CAMP BASTION LZ	35
W915ER10734003	Afg	W91EB8	ARMY	ARCENT BAGRAM 1	MILALOC	DDSP	DOVER AFB	BAGRAM	92
W90C2711580069	Kuwait	W91RH2	ARMY	ASG KUWAIT	MILALOC	DDSP	MC GUIRE AFB	KUWAIT INTL	9

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# Backup Slides

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# SDDDB: J5/4 Maintained Systems

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## TCJ5/4-LM

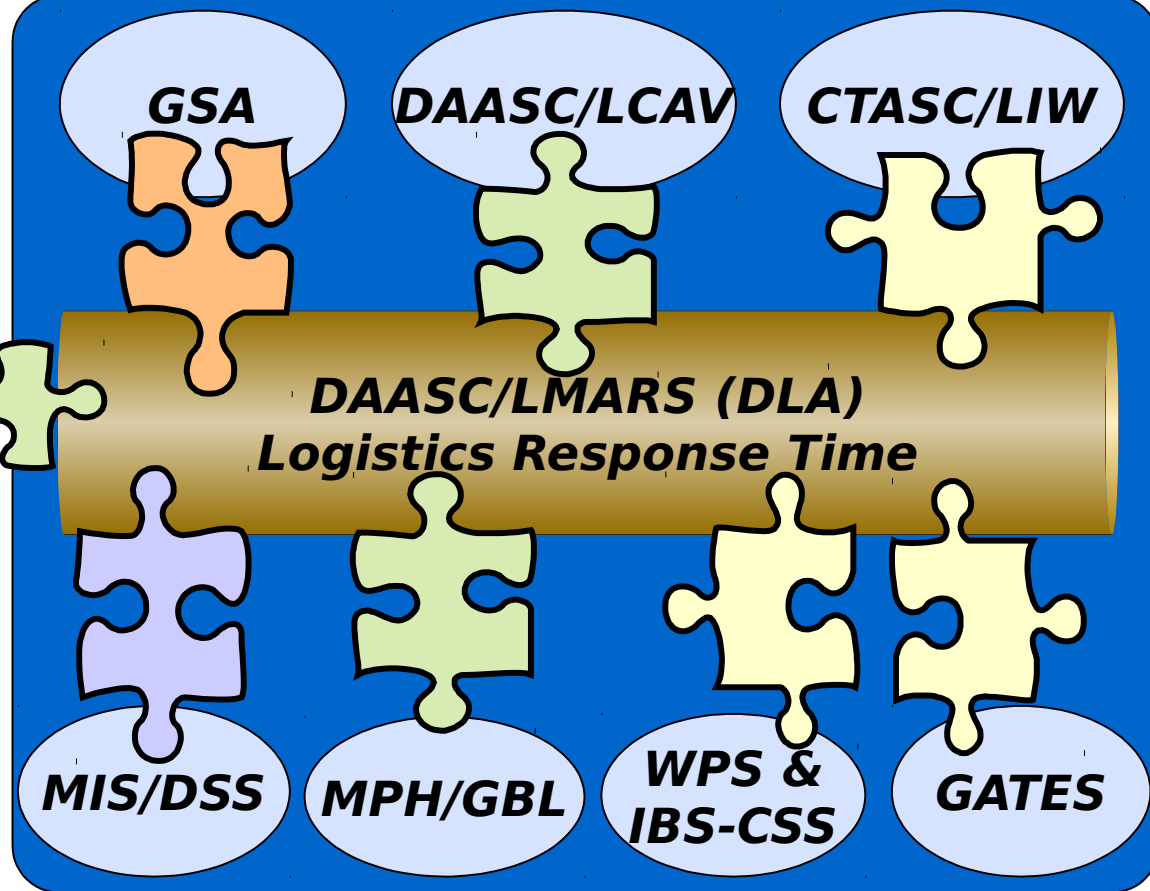
### Manual Feeds

- **iSDDC**
- **PAT**
- **TCSP**
- **DSS**
- **AV**
- **GATES**
- **Carrier Rpts**
- **Ref Tables**

### IGC/EDW

- **214EDI**
- **856EDI**
- **DAAS**
- **CMOS**
- **GFM/858**
- **GDSS**
- **IRRIS**
- **GATES**
- **WPS**
- **IBS/CSS**
- **IBS**
- **AMS-TAC**
- **TRDM**

## DORRA Maintained



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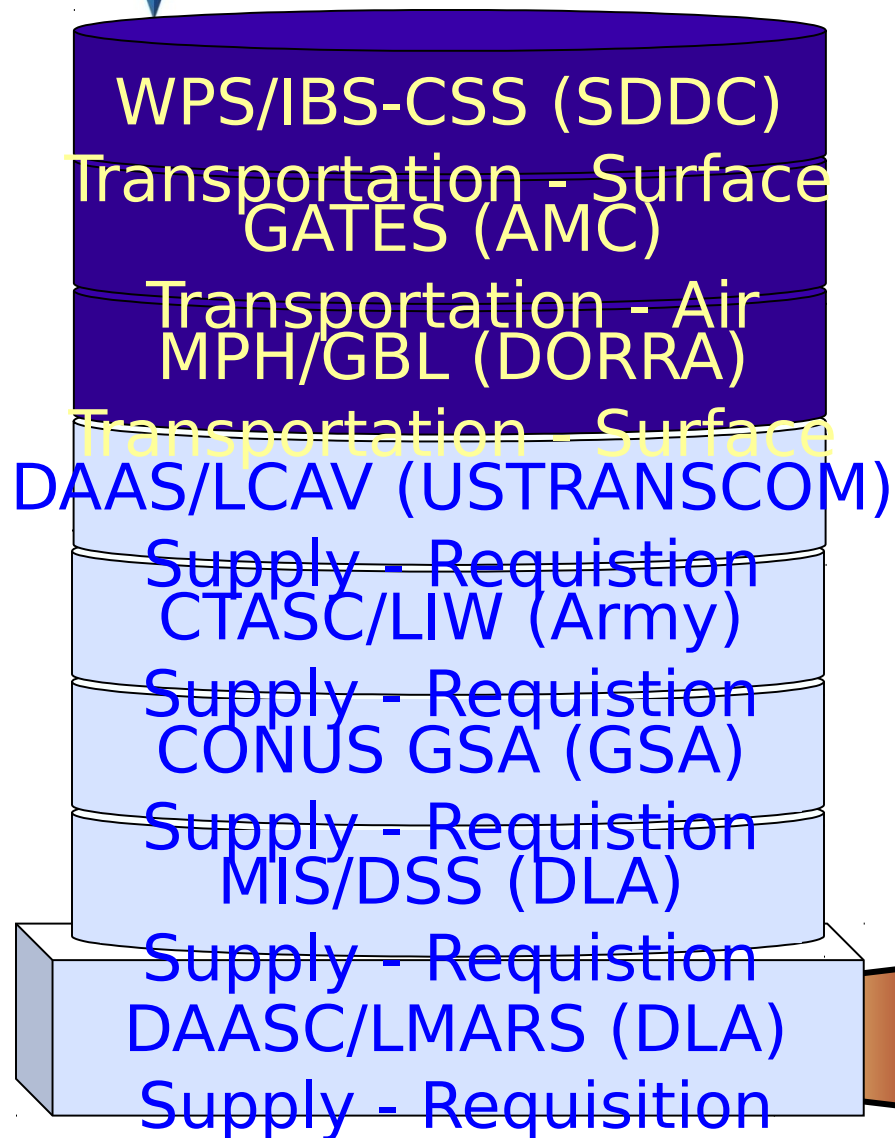
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# DAASC/LMARS (DLA)

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## DAASC/LMARS (DLA)

### *Logistics Metrics Analysis Reporting System*

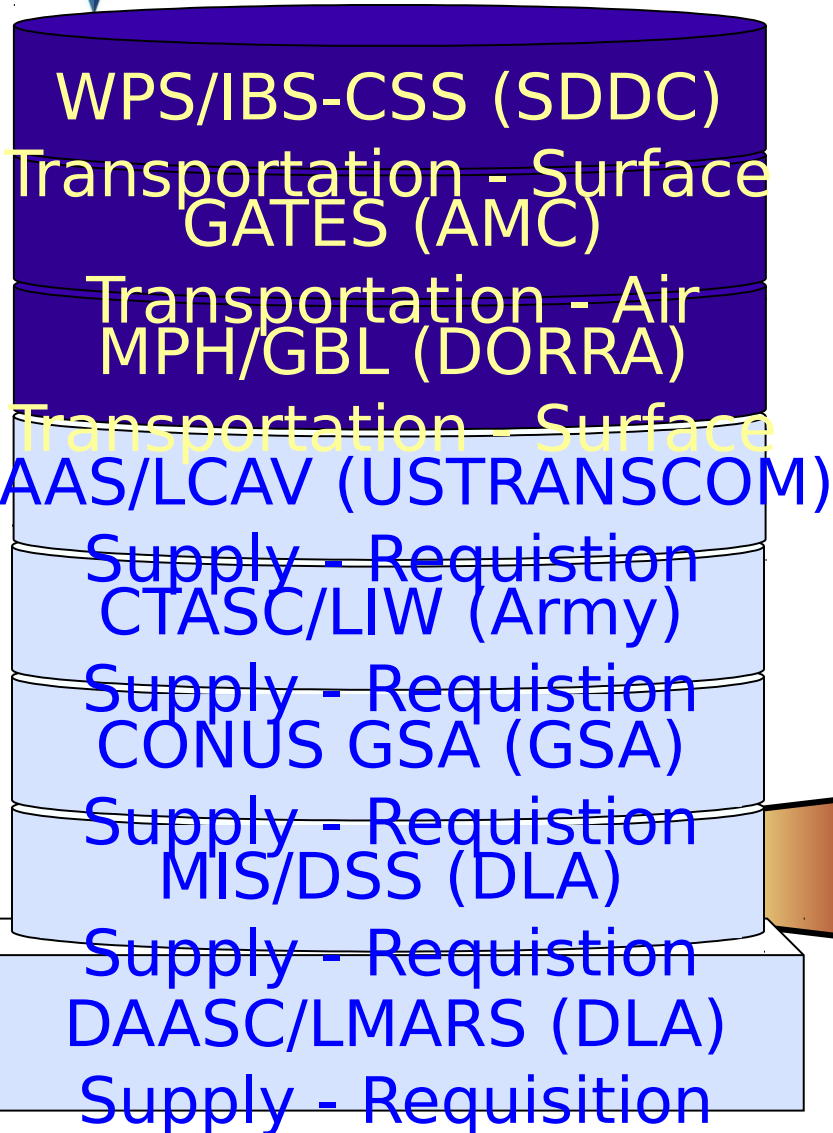
- Cornerstone of SDDB in that the requisition must appear in LRT for it to be included in the SDDB
- **Requisition MUST be in LRT to be reported**
- Other data sources are used to validate and fill in holes
- Food and prime vendor medical excluded

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# MIS/DSS (DLA)



## MIS/DSS (DLA)

### *Management Information System Distribution Standard System*

- Provides details on distribution center activities, including cargo consolidation, shipping mode detail, and cost information
- Navy CRIF Data

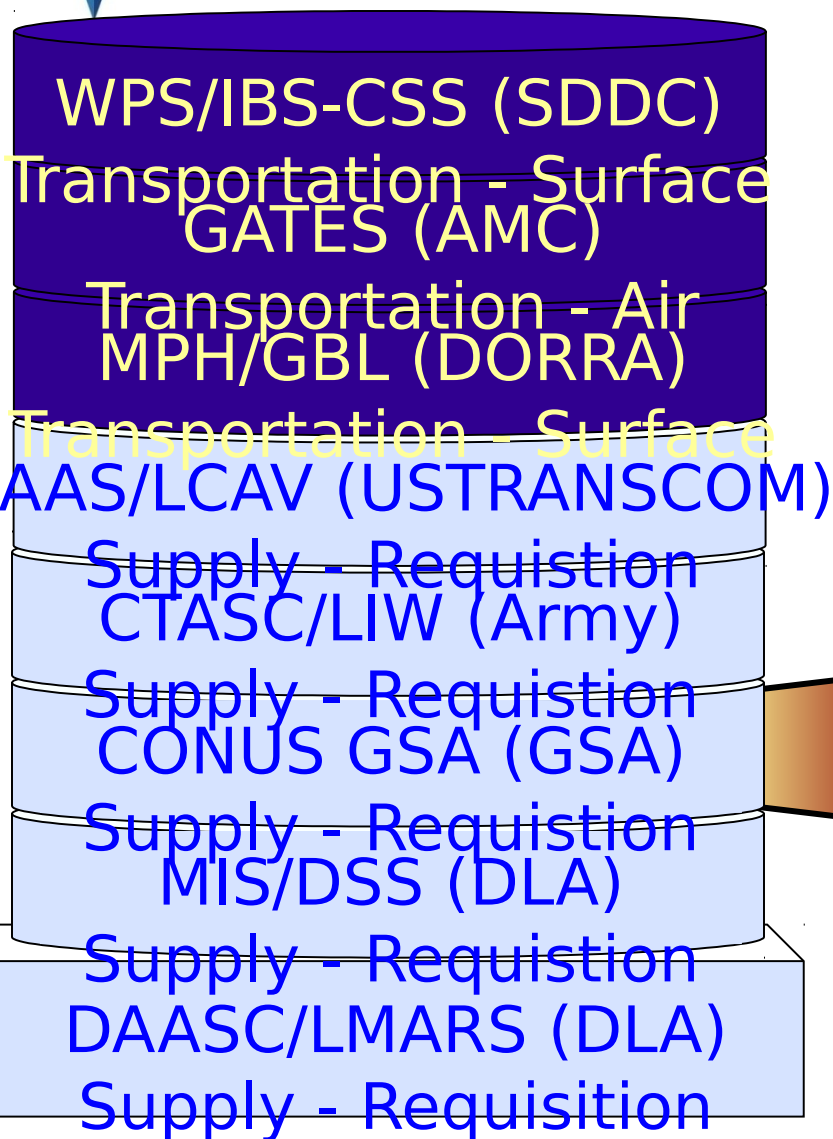
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# CONUS GSA (GSA)



## **CONUS GSA (GSA)**

- Supplements info for GSA shipments (Burlington, Stockton)
- Parallels to some extent what the DLA Issues data do for shipments from DDC's distribution centers
- Includes MRO date, depot RIC, depot ship date, seavan "CCP" ship date for issues from GSA depots

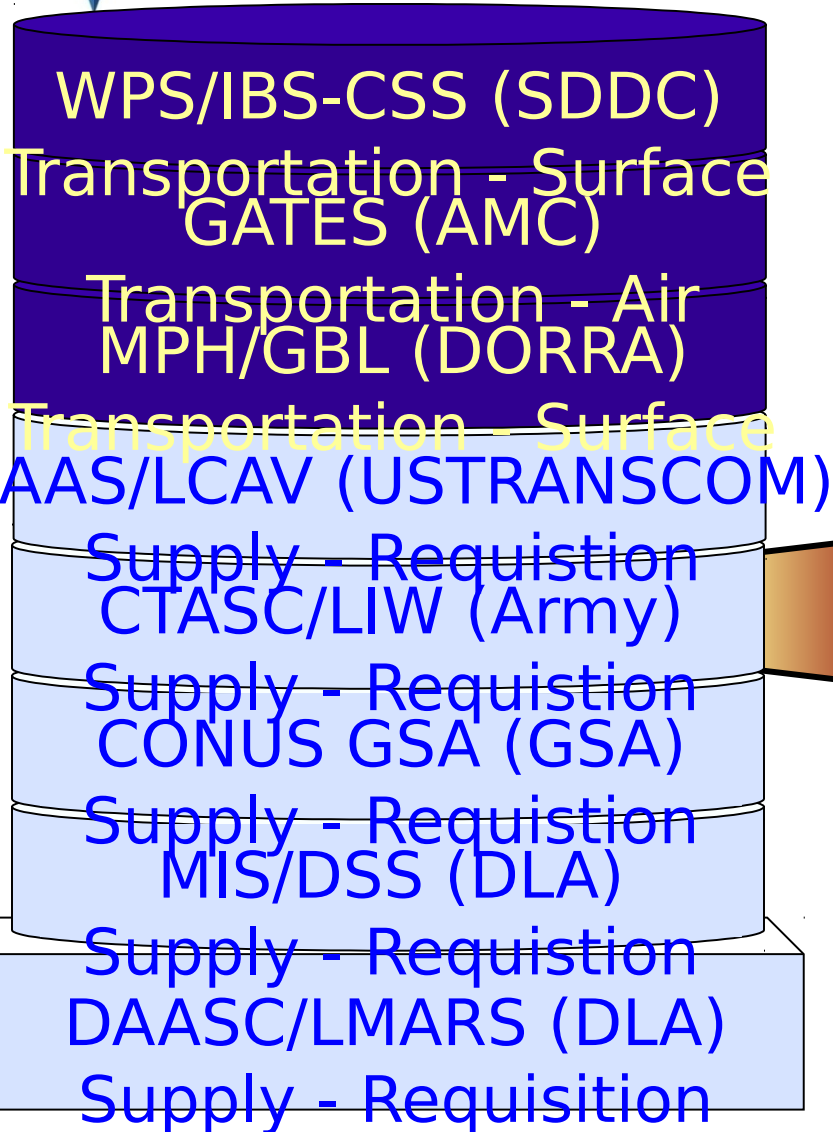
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# CTASC/LIW (LOGSA Army)

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## CTASC/LIW (LOGSA Army)

### *Corps Theater Automatic Service Center*

- CTASC sites are repository for Army tactical stockage transactions transmitted from SARSS
- CTASC receipt dates for DRA/D6K transactions replace Pseudo receipts

### *Logistics Integrated Warehouse*

- Maintained by US Army LOGSA
- Corrects Pseudo-receipt dates for ~~units not covered by CTASC~~

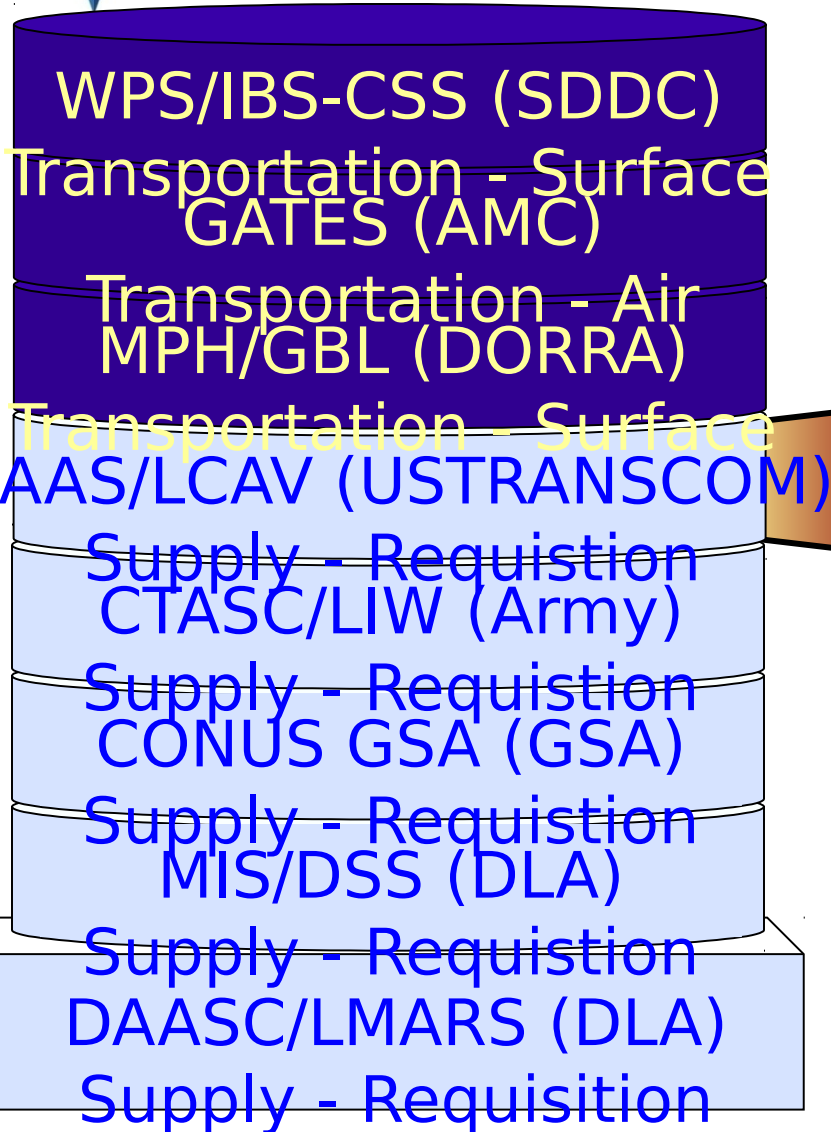
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# DAAS/LCAV (USTRANSCOM)



## **DAAS/LCAV (USTRANSCOM)**

### ***Logistics Support Center Customer Asset Visibility***

- **Provides visibility over the Navy's Material Processing Centers (MPC).**
- **Captures MPC Receipt/Departure dates**

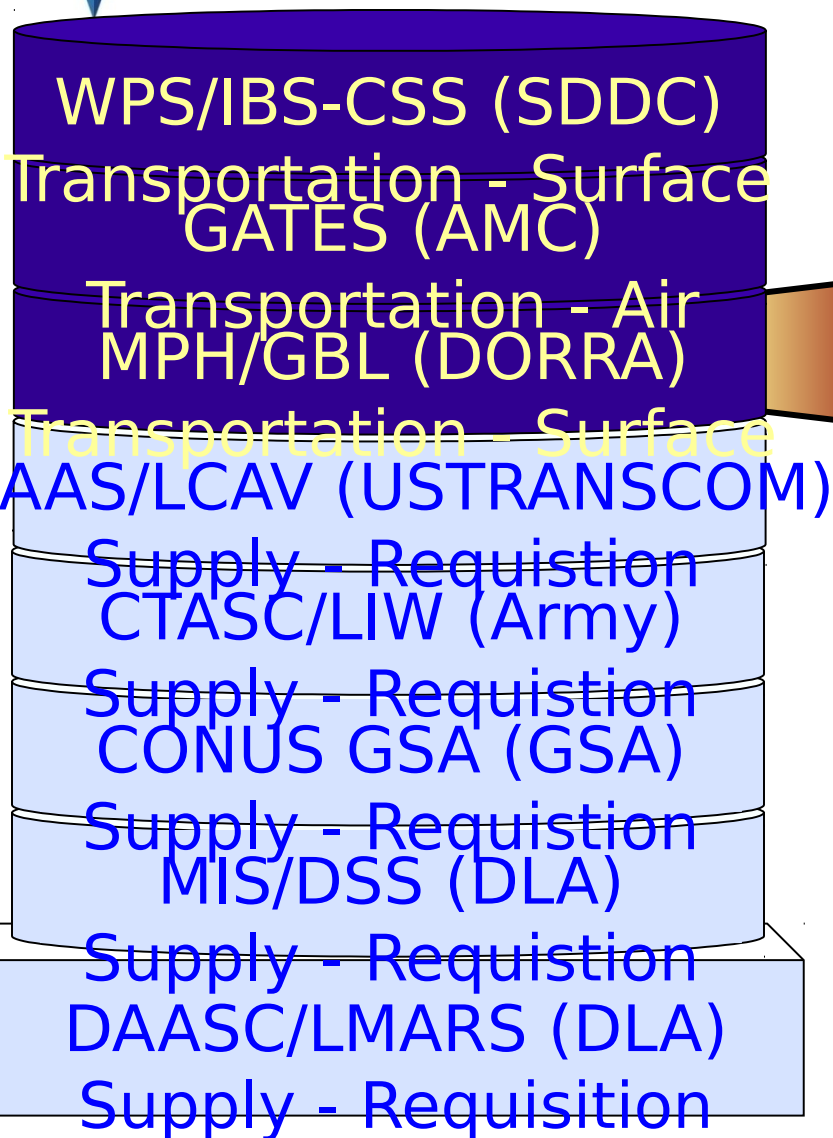
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# MPH/GBL (DORRA)



## **MPH/GBL (DORRA)**

### ***Manifest Print History / Government Bill of Lading***

- **Contain critical information on 2nd and 3rd destination costs and corresponding weights**
- **Supplemental data include customer DODAAC (destination), ZIP code, ship mode**

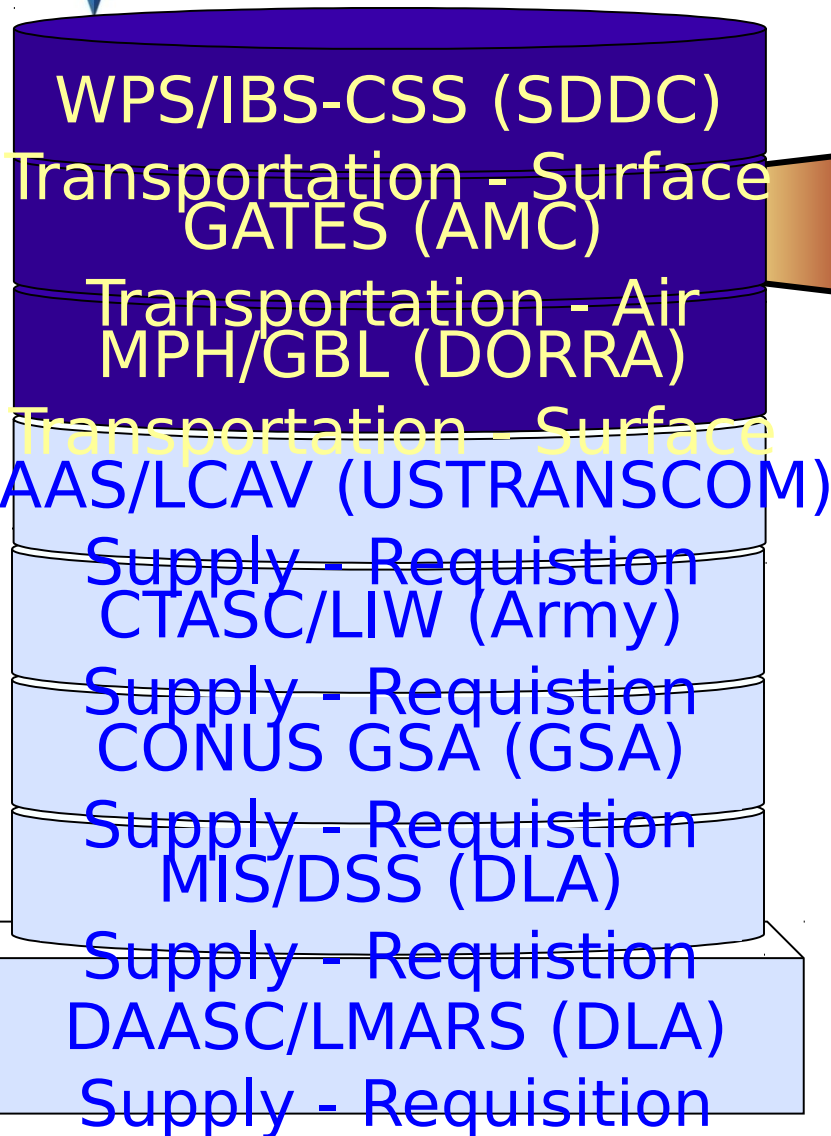
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# GATES (USTRANSCOM)



## **GATES (USTRANSCOM)**

### ***Global Air Transportation Execution System***

- Information on channel airlift, including TCN, weight, cube, handling code, APOE/APOD, missions, time stamps

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# GATES-WPS (AMC)/IBS-CSS (SDDC)



WPS/IBS-CSS (SDDC)

Transportation - Surface  
GATES (AMC)

Transportation - Air  
MPH/GBL (DORRA)

Transportation - Surface  
DAAS/LCAV (USTRANSCOM)

Supply - Requisition  
CTASC/LIW (Army)

Supply - Requisition  
CONUS GSA (GSA)

Supply - Requisition  
MIS/DSS (DLA)

Supply - Requisition  
DAASC/LMARS (DLA)

Supply - Requisition

## **GATES-WPS (AMC)/IBS-CSS (SDDC)**

### ***Worldwide Port System***

- Used for surface (seavan) shipment to OCONUS customer
- Extract data on port of embarkation and delivery, port dates, weight, cube

### ***Integrated Booking System - Commercial Sealift Solutions***

- Supplements GATES/WPS data for some records

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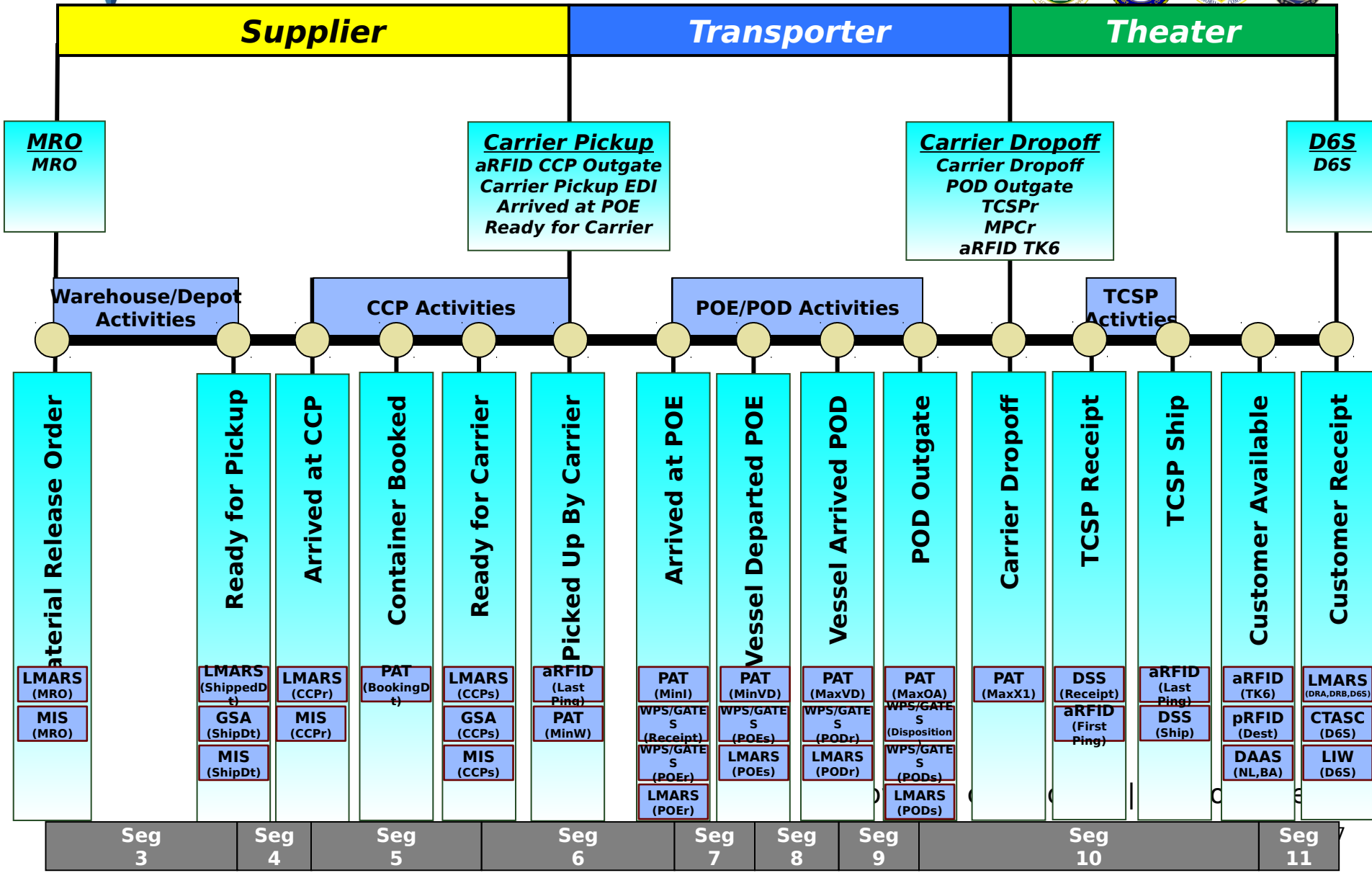
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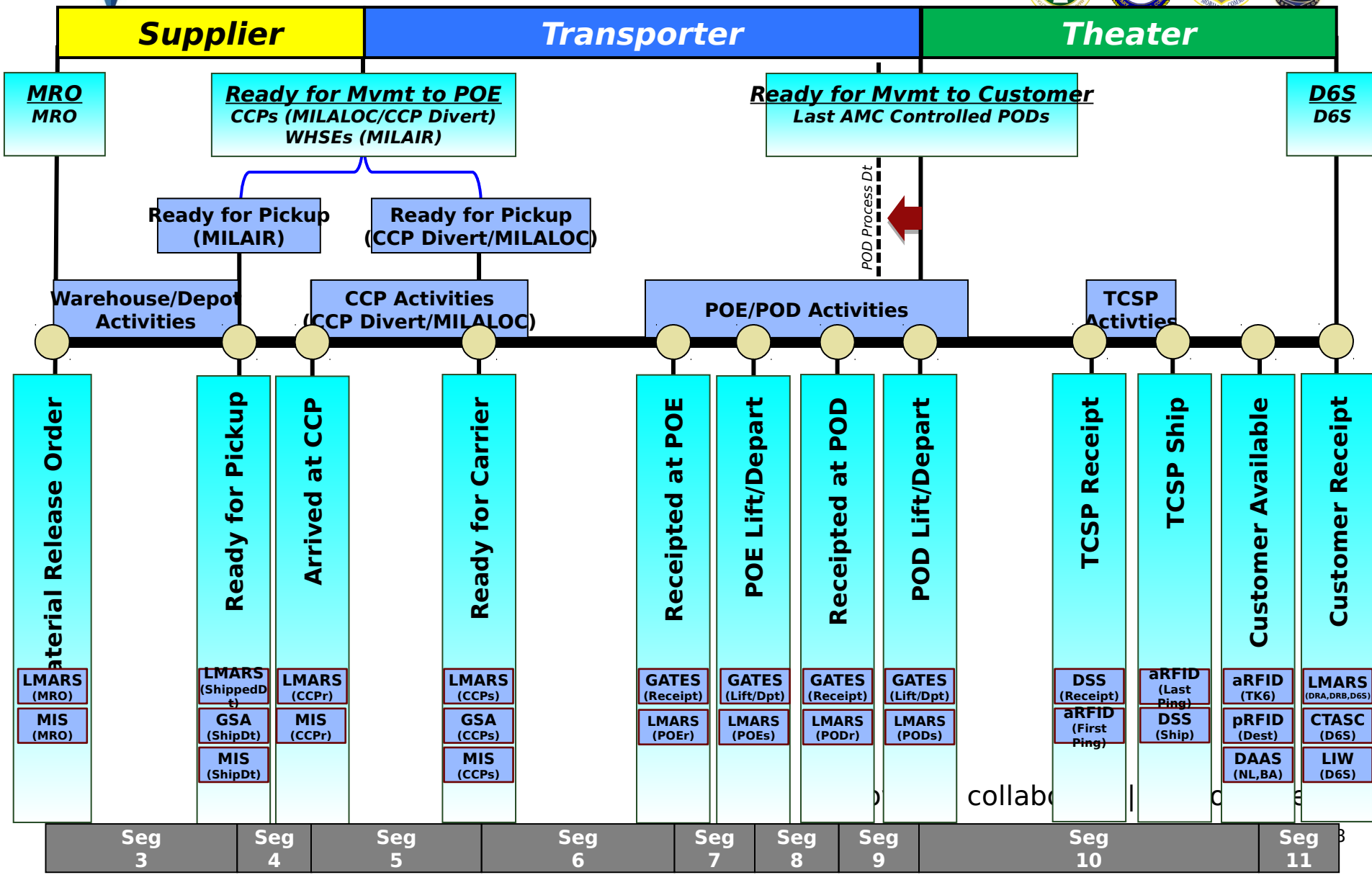
# Ocean Measurements





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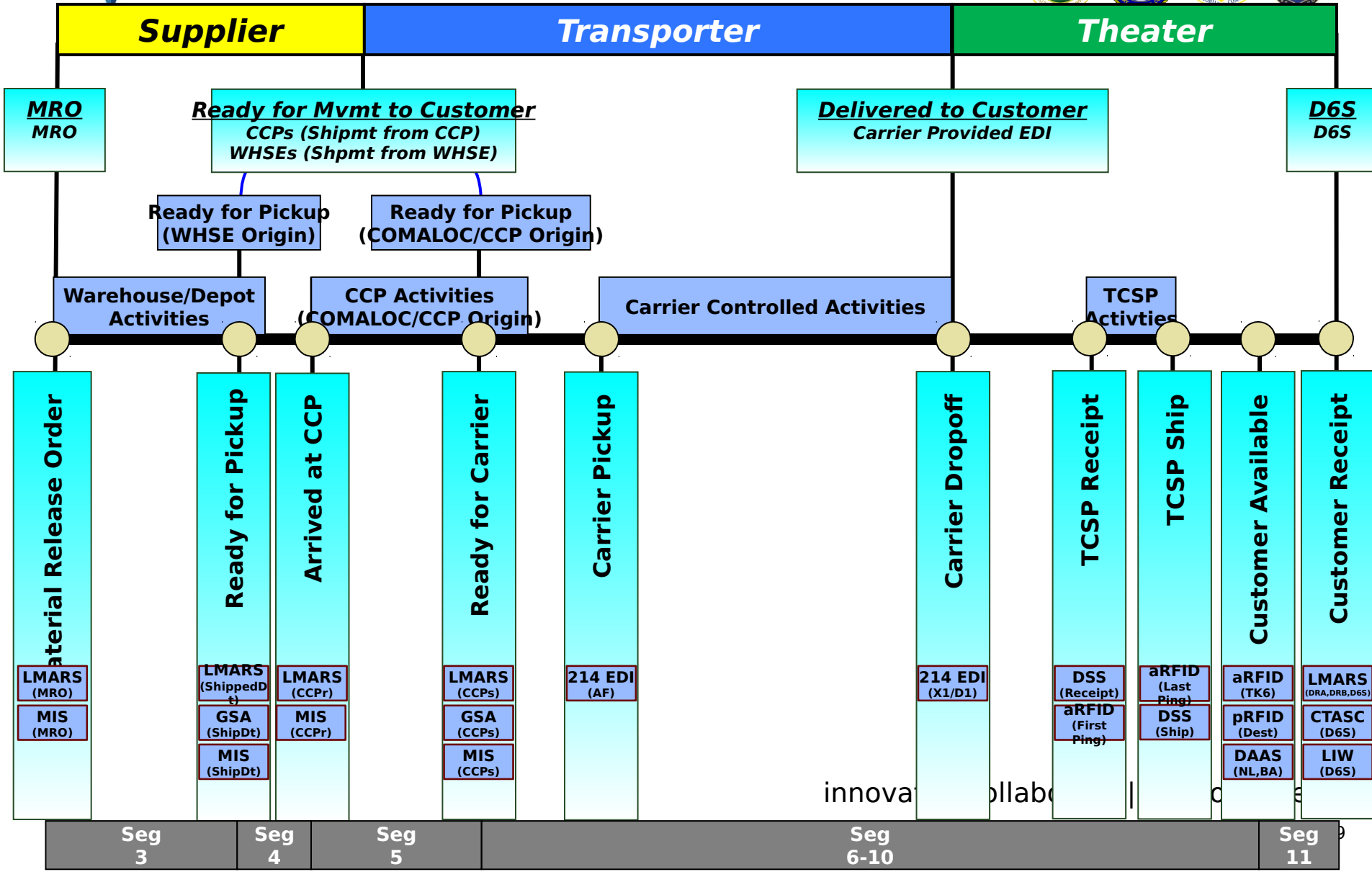
# Military Air Measurements





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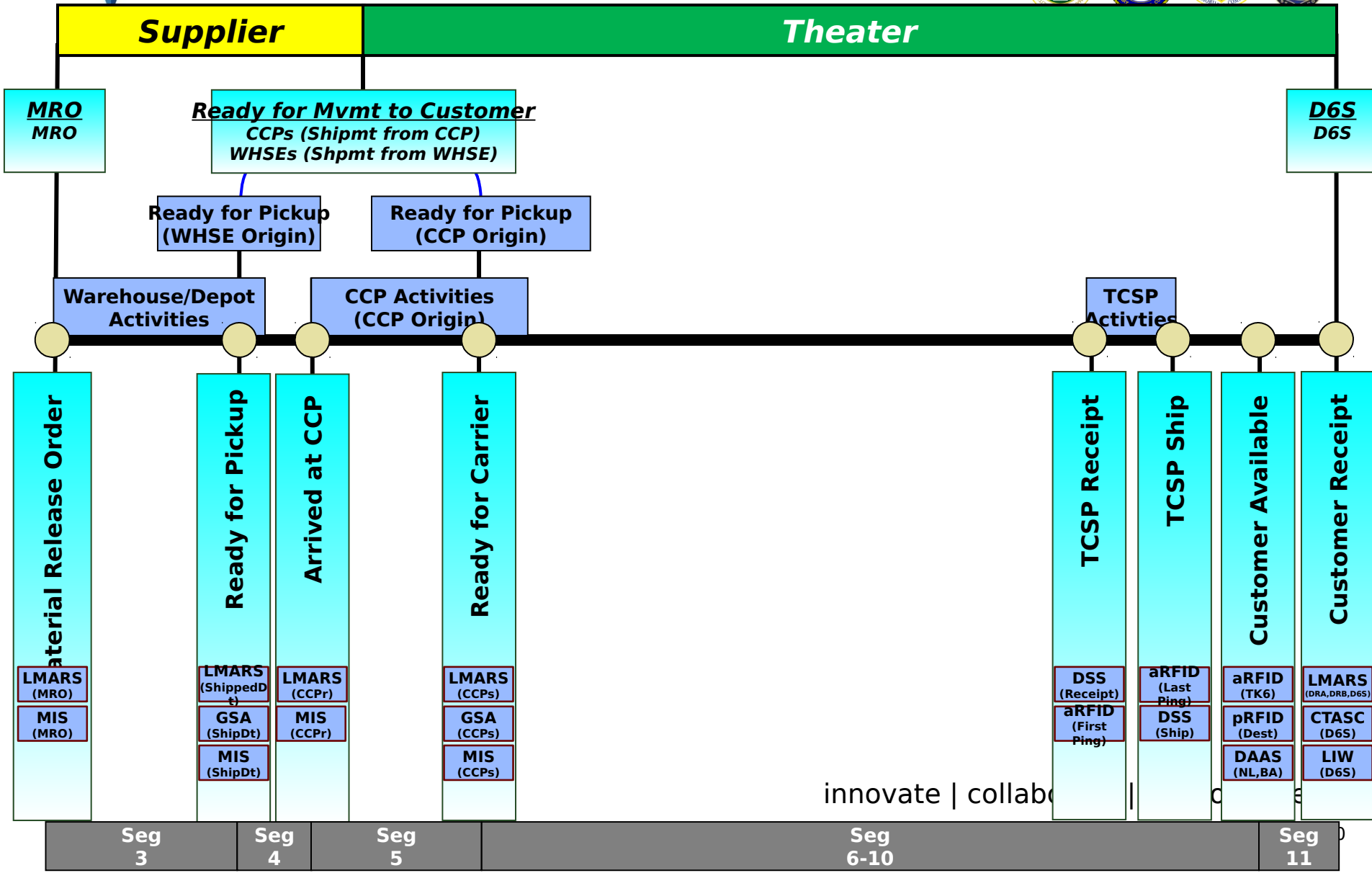
# Commercial Air Measurements





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# Truck Measurements



# Subsegment Measurements

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